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## United States Department of Agriculture

### MONTHLY LIST OF PUBLICATIONS

NOVEMBER, 1930

**Send no remittances to the United States Department of Agriculture**

A copy of any of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

**Send all remittances to the Superintendent of Documents direct.** His office is not a part of the Department of Agriculture.

#### GENERAL PUBLICATIONS

##### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

The making and feeding of silage. T. E. Woodward and J. B. McNulty, Bureau of Dairy Industry; and George M. Rommel, E. W. Sheets, and F. R. Marshall, Bureau of Animal Industry. 26 p., illus. (Farmers' Bulletin 578 F., rev.) Price, 5¢.

Diseases of apples in storage. Charles Brooks, J. S. Cooley, and D. F. Fisher, Bureau of Plant Industry. 20 p., illus. (Farmers' Bulletin 1160 F., rev.) Price, 5¢.

Blackleg: Its nature, cause, and prevention. John R. Mohler, Bureau of Animal Industry. 13 p., illus. (Farmers' Bulletin 1355 F., rev.) Price, 5¢.

Castration of hogs. S. S. Buckley, Bureau of Animal Industry. 6 p., illus. (Farmers' Bulletin 1357 F., rev.) Price, 5¢.

Watermelons. W. R. Beattie, Bureau of Plant Industry. 22 p., illus. (Farmers' Bulletin 1394 F., rev.) Price, 5¢.

Currants and gooseberries: Their culture and relation to white-pine blister rust. George M. Darrow and S. B. Detwiler, Bureau of Plant Industry, and others. 42 p., illus. (Farmers' Bulletin 1398 F., rev.) Price, 10¢.

Turkey raising. Morley A. Jull and Alfred R. Lee, Bureau of Animal Industry. 22 p., illus. (Farmers' Bulletin 1409 F., rev.) Price, 5¢.

Farm plumbing. George M. Warren, Bureau of Public Roads. 34 p., illus. (Farmers' Bulletin 1426 F., rev.) Price, 10¢.

Arbor Day: Its purpose and observance. Prepared by the Forest Service. 22 p., illus. (Farmers' Bulletin 1492 F., rev.) Price, 5¢.

The common barberry and black stem rust. E. C. Stakman, Agent, and Donald G. Fletcher, Bureau of Plant Industry. 29 p., illus. (Farmers' Bulletin 1544 F., rev.) Price, 5¢.

Sugar-beet culture in the humid area of the United States. J. G. Lill, Michigan Agricultural Experiment Station. 32 p., illus. (Farmers' Bulletin 1637 F.) Price, 10¢.

Potato production in the far Western States. William Stuart, Bureau of Plant Industry. 17 p., illus. (Farmers' Bulletin 1639.) Price, 5¢.

Fire safeguards for the farm. V. N. Valgren, Bureau of Agricultural Economics; Harry E. Roethe, Bureau of Chemistry and Soils; and M. C. Betts, Bureau of Public Roads. 22 p., illus. (Farmers' Bulletin 1643 F.) Price, 5¢.

Asparagus culture. Ross C. Thompson, Bureau of Plant Industry. 25 p., illus. (Farmers' Bulletin 1646 F.) Price, 5¢.

Game laws for the season 1930-31: A summary of Federal, State, and provincial statutes. 46 p. (Farmers' Bulletin 1647 F.) Price, 5¢.

Fur laws for the season 1930-31. Frank G. Grimes, Bureau of Biological Survey. 30 p. (Farmers' Bulletin 1648 F.) Price, 5¢.

#### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Raising the dairy heifer. J. B. Shepherd, Bureau of Dairy Industry. 5 p., illus. (Leaflet 14 L., rev.) Price, 5¢.

Lamb as you like it. Lucy M. Alexander, Bureau of Home Economics and Bureau of Animal Industry, and Fanny Walker Yeatman, Bureau of Home Economics. 8 p., illus. (Leaflet 28 L., rev.) Price, 5¢.

Preservation of leather bookbindings. R. W. Frey and F. P. Veitch, Bureau of Chemistry and Soils. 8 p., illus. (Leaflet 69 L.) Price, 5¢.

Home mixing of fertilizers. C. C. Fletcher, Bureau of Chemistry and Soils. 8 p., illus. (Leaflet 70 L.) Price, 5¢.

#### TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Milling and baking qualities of world wheats. D. A. Coleman, Owen L. Dawson, Alfred Christie, H. B. Dixon, H. C. Fellows, J. F. Hayes, Elwood Hoeffcker, J. H. Shollenberger, and W. K. Marshall, Bureau of Agricultural Economics. 224 p. (Technical Bulletin 197 T.) Price, 35¢.

The yield of Douglas fir in the Pacific Northwest. Richard E. McArdle and Walter H. Meyer, Forest Service. 64 p., illus. (Technical Bulletin 201 T.) Price, 20¢.

Timber growing and logging and turpentine practices in the southern pine region. R. D. Forbes, formerly at Southern Forest Experiment Station, and R. Y. Stuart, Forest Service. 115 p., illus. (Technical Bulletin 204 T.) Price, 30¢.

Beef from calves fed grain before and after weaning. W. H. Black, United States Department of Agriculture, and E. A. Trowbridge, University of Missouri. 24 p., illus. (Technical Bulletin 208 T.) Price, 10¢.

Some methods for detecting differences in soil organic matter. Edmund C. Shorey, Bureau of Chemistry and Soils. 28 p. (Technical Bulletin 211 T.) Price, 5¢.

Mechanical analysis of finely divided natural phosphates. Lyle T. Alexander and K. D. Jacob, Bureau of Chemistry and Soils. 24 p., illus. (Technical Bulletin 212 T.) Price, 5¢.

The physical and chemical characteristics of certain American peat profiles. Irvin C. Feustel and Horace G. Byers, Bureau of Chemistry and Soils. 27 p., illus. (Technical Bulletin 214 T.) Price, 5¢.

#### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Blemishes and discolorations of market onions. G. B. Ramsey, Bureau of Plant Industry. 4 p., illus. (Circular 135 C.) Price, 5¢.

The Gehl laboratory rice-scouring device. R. M. Gehl, Bureau of Agricultural Economics. 12 p., illus. (Circular 136 C.) Price, 5¢.

Development and use of baking powder and baking chemicals. L. H. Bailey, Bureau of Chemistry and Soils. 16 p. (Circular 138 C.) Price, 5¢.

Method and procedure of soil analysis used in the division of soil chemistry and physics. W. O. Robinson, Bureau of Chemistry and Soils. 20 p. (Circular 139 C.) Price, 5¢.

The farm real estate situation, 1929-30. E. H. Wiecking and B. R. Stauber, Bureau of Agricultural Economics. 70 p., illus. (Circular 150 C.) Price, 10¢.

## MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Film strips of the U. S. Department of Agriculture. Folder. 7 p. (Miscellaneous Publication 91 MP.) Price, 5¢.

List of technical workers in the Department of Agriculture, and outline of Department functions, 1930. Compiled in the Office of Personnel and Business Administration. 132 p. (Miscellaneous Publication 93 MP.) Price, 20¢.

Seed treatment reduces loss from plant diseases. F. C. Meier, Bureau of Plant Industry. Folder. (Miscellaneous Publication 94 MP.) Price, 5¢.

Land utilization and the farm problem. L. C. Gray and O. E. Baker, Bureau of Agricultural Economics. 54 p., illus. (Miscellaneous Publication 97 MP.) Price, 25¢.

## SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils which controls their distribution.

Arizona, The Buckeye-Beardsley area. (1927, No. 3.) Price, 20¢.

Ohio, Washington County. (1926, No. 19.) Price, 15¢.

## SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Index to Service and Regulatory Announcements, Plant Quarantine and Control Administration, 1929. 4 p.

Rules and regulations of the Secretary of Agriculture for carrying out the provisions of the perishable agricultural commodities act, 1930. (46 Stat. 531.) (S. R. A.—B. A. E. 121.) 19 p. Price, 5¢.

Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry, for October, 1930. (S. R. A.—B. A. I. 282.) pp. 85-92. Price, 5¢.

Modification of Mediterranean fruit-fly quarantine regulations. 3 p. (P. Q. C. A.—Q 68, Amendment No. 2, effective October 15, 1930.) Price, 5¢.

Modification of Mediterranean fruit-fly quarantine regulations. 1 p. (P. Q. C. A.—Q 68, Amendment No. 3, effective November 5, 1930.) Price, 5¢.

Notice of lifting of Mediterranean fruit-fly quarantine. 1 p. (P. Q. C. A.—Lifting Q 68, effective November 15, 1930.) Price, 5¢.

Notes of judgment under the food and drugs act. Food and Drug Administration. N. J., F. D. 17001-17025, 11 p.; 17026-17050, pp. 13-23. Price, 5¢ each.

## OTHER PUBLICATIONS

Aerological code (pilot balloons), 1930. W. B. No. 1017. 18 p., illus. Price, 65¢. *For sale only.*

Instructions for making aerological observations by means of kites, airplanes, sounding balloons, limited-height sounding balloons, free-rising captive balloons, and ceiling balloons. 94 p., illus. (Circular P.) Price, 40¢. *For sale only.*

Plant material introduced by the Office of Foreign Plant Introduction, Bureau of Plant Industry, April 1 to June 30, 1929 (Nos. 80019-80810). Inventory 99. 46 p. Price, 10¢.

Report of the Chief of the Bureau of Biological Survey. Paul G. Redington, Bureau of Biological Survey. 56 p. Price, 10¢.

Report of the Chief of the Bureau of Home Economics. Louise Stanley, Bureau of Home Economics. 13 p. Price, 5¢.

Report of the Chief of the Bureau of Public Roads. Thomas H. MacDonald, Bureau of Public Roads. 92 p. November, 1930. Price, 10¢.

Report of the Chief of the Food and Drug Administration. W. G. Campbell, Food and Drug Administration. 25 p. Price, 5¢.

## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 14, No. 11, November 1, 1930. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.<sup>1</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Climatological data.** Vol. 17, No. 8, August, 1930.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or \$4 a year.<sup>1</sup> Not for general distribution.

**Crops and markets.** Vol. 7, No. 10, October, 1930. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.<sup>1</sup>

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

**Daily weather maps.** Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3.00 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2.40 a year.<sup>1</sup>

**Experiment station record.** Vol. 63, No. 6, October, 1930; Abstract number. Single numbers for sale only. Price, 10¢.<sup>1</sup>

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; \$1.25 a volume, foreign.

**Extension service review.** Vol. 1, No. 7, November, 1930. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.<sup>1</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

**Journal of Agricultural research.** Price, 20¢ a copy; \$4 a year, domestic; \$5.25 a year foreign.<sup>1</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

— Vol. 41, No. 9, November 1, 1930. Illus.

## CONTENTS:

A study of the relation between actual and normal yields of immature Douglas fir forests. (F-53.) Walter H. Meyer.

Studies of vaccination during calthood to prevent bovine infectious abortion (A-141.) J. M. Buck.

The catalase content of the Colorado potato beetle during metamorphosis. (K-214.) David E. Fink. Price, 20¢.

**Monthly weather review.** Vol. 58, No. 8, August, 1930. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.<sup>1</sup> Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

**Public roads.** Vol. 11, No. 8, October, 1930. Illus. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

**The official record.** Vol. 9, Nos. 45-48, November 6, 13, 20, 27, 1930. Price, 5¢ a copy; 50¢ a year, domestic; \$1.10 a year, foreign.<sup>1</sup>

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

**Weekly weather and crop bulletin.** Nos. 44-47, November 4, 11, 18, 25, 1930. Price, 50¢ a year, domestic; \$1 a year, foreign.<sup>1</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.